

# Converting Colors

YIQ(65.9410, -1.5120, -5.6400)

Have a look what the booklet for  
YIQ(65.9410, -1.5120, -5.6400)  
contains.

<b>YIQ(65.9410, -1.5120, -5.6400)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(65.9410, -1.5120,  
-5.6400)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3D463A
RGB	61, 70, 58
RGB Percent	24%, 27%, 23%
CMY	0.7608, 0.7255, 0.7725
CMYK	0.13, 0.00, 0.17, 0.73
HSL	105°, 9%, 25%
HSV	105°, 17%, 27%
XYZ	4.8782, 5.6782, 4.8420
YIQ	65.9410, -1.5120, -5.6400

# Conversions

## Conversions Part 2

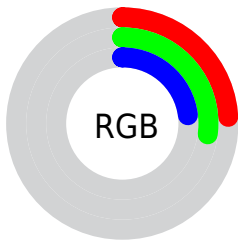
<b>Format</b>	<b>Color</b>
<b>RYB</b>	58, 70, 67
Decimal	4015674
CIELab	28.59, -6.37, 6.01
CIELCh	29, 8.758, 136.628
Yxy	5.6782, 0.3168, 0.3688
Android (android.graphics.Color)	4282205754 (0xFF3D463A)
YUV	65.9410, -3.9149, -4.3333
Hunter-Lab	23.8289, -5.1587, 4.6326

# Details

The YIQ color **65.9410, -1.5120, -5.6400** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **62.0590, 1.5120, 5.6400**, and the grayscale version is **66.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **113.5280, -1.7870, -6.1630**, and **23.2400, -0.9160, -5.4280** is the 20% darker color. If you saturate the color by 10%, you get **63.6480, -2.2450, -8.8770**, and if you desaturate by 10%, it is **68.2340, -0.7790, -2.4030**.

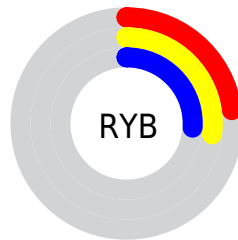
# Distribution



Red (24%)

Green (27%)

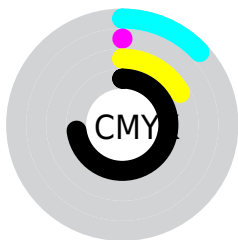
Blue (23%)



Red (23%)

Yellow (27%)

Blue (26%)

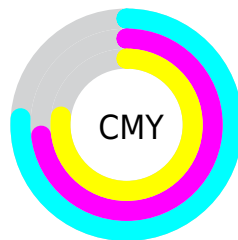


Cyan (13%)

Magenta (0%)

Yellow (17%)

Black (73%)



Cyan (76%)

Magenta (73%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 65.9410, -1.5120, -5.6400 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 65.9410, -1.5120, -5.6400 by changing the saturation by 10% instead.



■ 65.9410, -1.5120,  
-5.6400

■ 65.9410, -1.5120,  
-5.6400

■ 255.0000, -0.0000,  
-0.0000

■ 43.9410, -1.5120,  
-5.6400

■ 113.5280, -1.7870,  
-6.1630

■ 23.2400, -0.9160,  
-5.4280

■ 139.4140, -1.4660,  
-6.4740

■ 0.0000, 0.0000,  
0.0000

■ 165.4140, -1.4660,  
-6.4740

■ 193.0010, -1.7410,  
-6.9970

■ 221.0010, -1.7410,  
-6.9970

■ 249.0010, -1.7410,

-6.9970

■ 65.9410, -1.5120,  
-5.6400

■ 65.9410, -1.5120,  
-5.6400

■ 63.6480, -2.2450,  
-8.8770

■ 68.2340, -0.7790,  
-2.4030

■ 61.0560, -3.5740,  
-12.3260

■ 70.8260, 0.5500,  
1.0460

■ 58.7630, -4.3070,  
-15.5630

■ 73.1190, 1.2830,  
4.2830

■ 56.4700, -5.0400,  
-18.8000

■ 75.4120, 2.0160,  
7.5200

■ 54.1770, -5.7730,  
-22.0370

■ 77.7050, 2.7490,  
10.7570

■ 51.5850, -7.1020,  
-25.4860

■ 80.2970, 4.0780,  
14.2060

■ 49.2920, -7.8350,  
-28.7230

■ 82.5900, 4.8110,  
17.4430

■ 46.9990, -8.5680,  
-31.9600

■ 84.8830, 5.5440,  
20.6800

■ 46.1730, -9.1180,  
-33.0060

■ 87.1760, 6.2770,  
23.9170

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.7030, 5.0900, -4.1420



65.9410, -1.5120, -5.6400



65.1190, -7.8850, -5.7810

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



65.9410, -1.5120, -5.6400



66.3670, -11.2790, 0.6650



68.7950, 11.0030, 4.3390

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



65.9410, -1.5120, -5.6400



62.0590, 1.5120, 5.6400

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.6960, 6.9680, 5.8800



65.9410, -1.5120, -5.6400



67.8840, -5.3650, 3.6190

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.9410, -1.5120, -5.6400



65.7040, -13.8460, -2.3740



68.7600, 0.9160, 5.4280



68.1000, 11.4620, 1.5260



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.9410, -1.5120, -5.6400



64.7920, -11.2780, -4.8620



68.7600, 0.9160, 5.4280



68.7240, 9.7650, 4.7490

# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



65.9410, -1.5120, -5.6400



90.2340, -0.7790, -2.4030



66.8710, 4.6770, -2.1630



45.0600, -0.2290, -1.3570



173.0000, -0.0000, 0.0000



46.0000, 0.0000, -0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.9410, -1.5120, -5.6400



85.3490, -2.8410, -9.0890



65.3860, -4.2630, -5.3430



34.6470, -0.5040, -1.8800



65.5880, -12.3250, -46.4770



150.2920, -28.4530, -106.6370



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



62.0590, 1.5120, 5.6400



79.3520, 2.2450, 8.8770



62.6140, 4.2630, 5.3430



33.3530, 0.5040, 1.8800



33.7110, 12.9210, 46.6890



76.7080, 28.4530, 106.6370



# Previews

## White Background



This preview shows how the YIQ color 65.9410, -1.5120, -5.6400 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

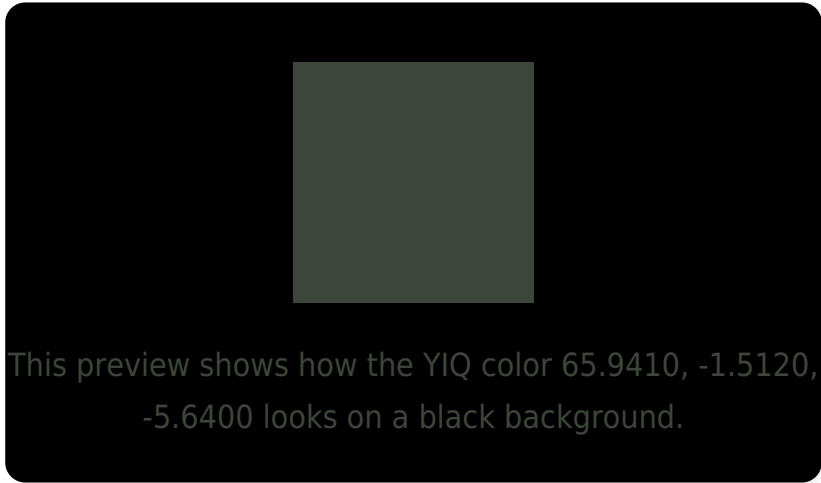
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

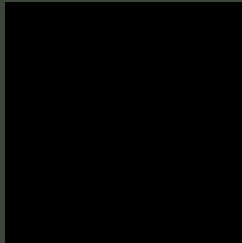
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

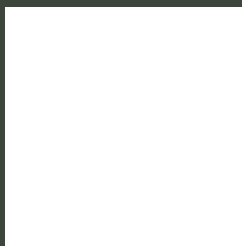
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**YIQ 65.9410, -1.5120, -5.6400**

## **Background**



This preview shows how black text looks on a background with the YIQ color 65.9410, -1.5120, -5.6400.



This preview shows how white text looks on a background with the YIQ color 65.9410, -1.5120, -5.6400.

-5.6400.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

65.9410, -1.5120, -5.6400

### Protanopia

67.0560, 5.5940, -2.2620

### Deuteranopia

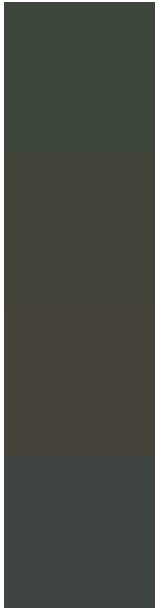
67.9040, 9.0780, 0.6780



## Tritanopia

67.0750, -4.5850, 0.4950

# Trichromacy



## Original Color

65.9410, -1.5120, -5.6400

## Protanomaly

66.4470, 2.9350, -3.6330

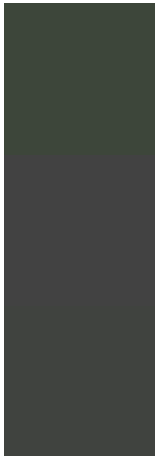
## Deuteranomaly

67.2840, 4.9520, -1.6400

## Tritanomaly

66.7930, -3.8510, -1.7950

# Monochromacy



## Original Color

65.9410, -1.5120, -5.6400

## Achromatopsia

66.0000, -0.0000, -0.0000

## Achromatomaly

65.6470, -0.5040, -1.8800

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 65.9410, -1.5120, -5.6400 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(61, 70, 58)` looks like.

```
.text, #text, p{  
    color:rgb(61, 70, 58)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(61, 70, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 70, 58) }
```

## Border

The CSS property to change the border of an element to YIQ 65.9410, -1.5120, -5.6400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(61, 70, 58) }
```



If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(61, 70, 58) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(61, 70, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 70, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 70, 58);  
box-shadow:4px 4px 4px 4px rgb(61, 70, 58)  
}
```

# Background

The CSS property to change the background color of an element to YIQ 65.9410, -1.5120, -5.6400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 70, 58) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(61, 70,  
58) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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